

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #61—August 25, 2008

Work Completed: Aug 14-Aug 20, 2008

- Completed the removal of the resuspension control system around the gas utility pipelines on the north side of the river.
- Began the installation of the resuspension control system — including temporary steel sheeting — for the southern half of Mid-Channel Area A and Removal Area 13B.
- Continued removing soil and sediment from Removal Areas 11A and 12A.
- Continued removing floodplain soil from Removal Area 11A, 12A, and 13A.
- Continued soil/sediment solidification activities at Staging Areas 4N.
- Continued loading and transporting solidified soil/sediment material from Staging Area 4N to Allied Waste C&C Landfill and Ottawa County Farms Landfill.
- Continued loading and transporting solidified soil/sediment TSCA material from Removal Area 12A to EQ Wayne County Disposal Facility.
- Continued operation of the WCS.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	875	25	2,590	48
2008 Total	9,240	264	41,615	1,189
Project Total to Date	12,250	350	75,530	2,158

Note: All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5



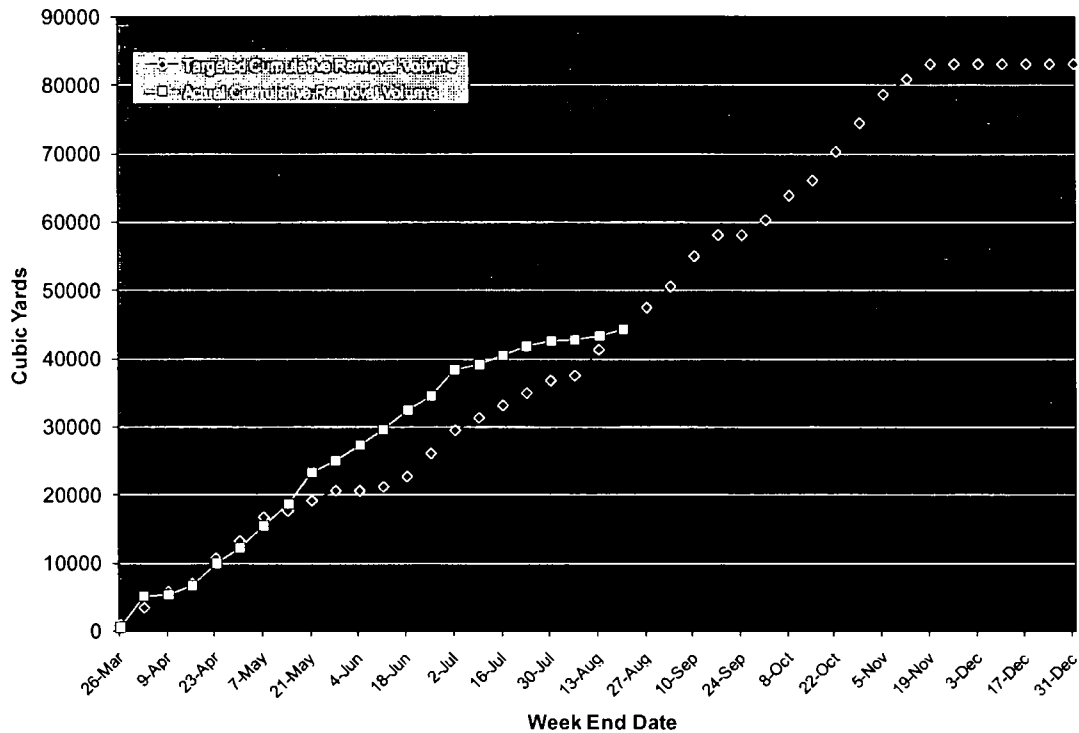
406850

Work Planned: August 21-August 27, 2008

- Complete the installation of the resuspension control system in the southern half of Mid-Channel Area A and Removal Area 13B.
- Begin removing soil and sediment from Mid-Channel Area A and Removal Area 13B.
- Continue removing soil and sediment from Removal Areas 11A and 12A.
- Continue removing floodplain soil from Removal Areas 11A, 12A and 13A.
- Continue soil/sediment solidification activities at Staging Area 4N.
- Continue loading and transporting solidified soil/sediment material from Staging Area 4N to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue loading and transporting solidified soil/sediment TSCA material from Removal Area 12A to EQ Wayne County Disposal Facility.
- Continue operation of the WCS.

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #61
Page 3 of 3**

Removal Progress



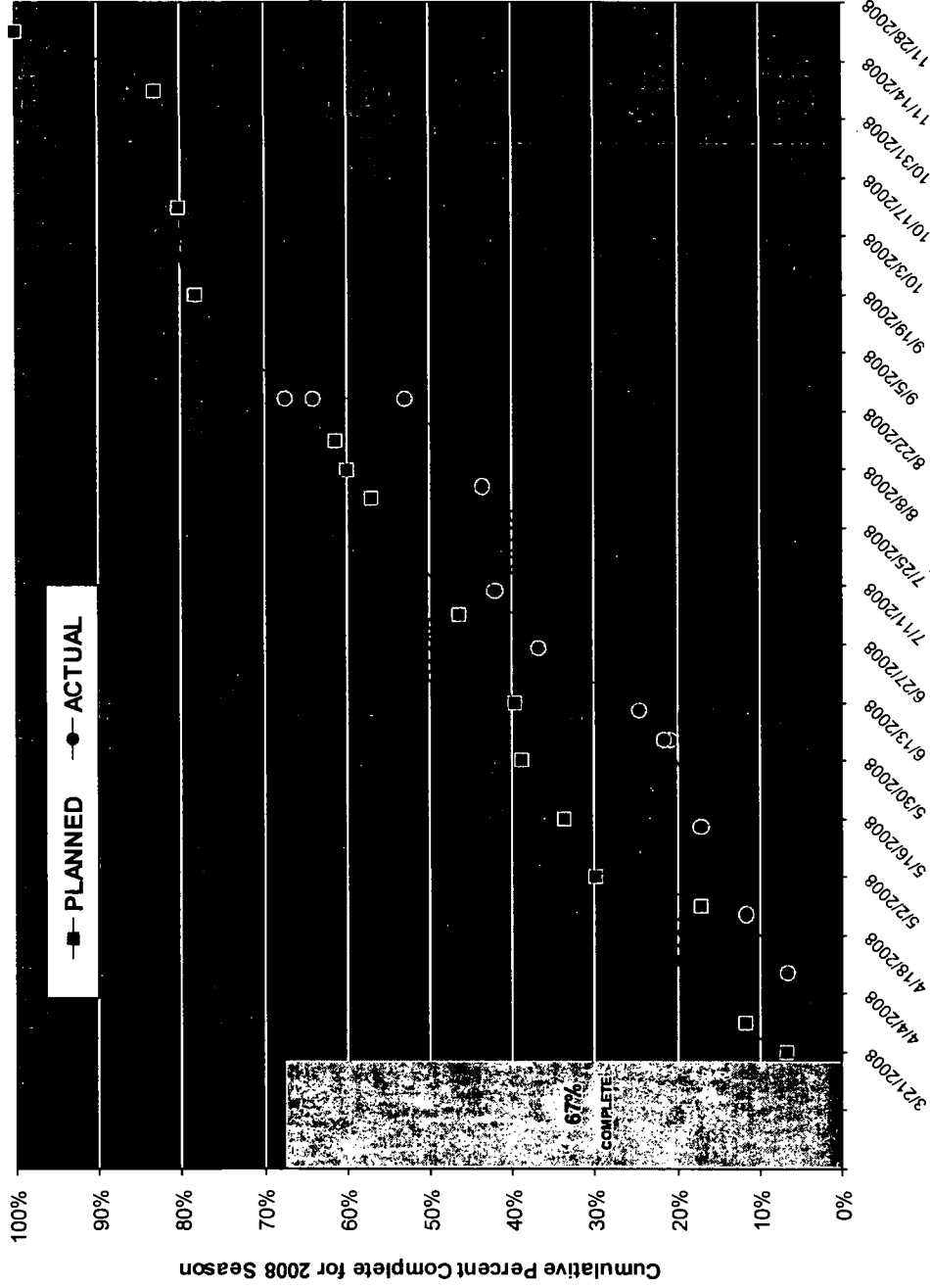
Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #61
Page 4 of 4**

Removal Progress



Notes:
For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.
'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

Health & Safety Update

- 5 Loss Prevention Observations (LPOs) were completed during this period.
A total of 205 LPOs have been completed for the project to date.

Weather Summary

- No weather related delays during this period.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 28,514 gallons (Staging Area 4N) and 0 gallons (Staging Area 5S)

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ Removal Areas 12A and 11A.

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

Additional soil was excavated from two bank soil grids in Removal Area 11A. Confirmation samples were collected, and the cleanup standard was achieved.

Issues Encountered/Solutions Advanced

- None.

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #61
Page 6 of 6**

Equipment on Site

Equipment	8/14/08	8/15/08	8/16/08	8/17/08	8/18/08	8/19/08	8/20/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

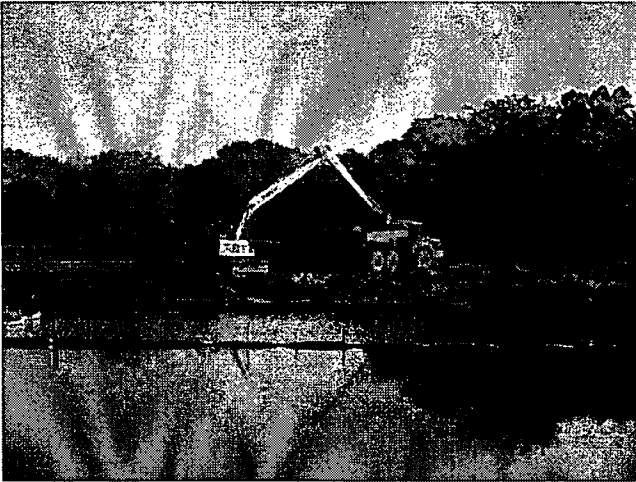
**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #61
Page 7 of 7**

Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	8/14/08	8/15/08	8/16/08	8/17/08	8/18/08	8/19/08	8/20/08
Terra Contracting Staff	20	20	8		20	20	20
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Don de Blasio/USEPA							
Mike Ribordy/USEPA OSC						X	X
Tom Crosetto/USEPA OSC							
Paul Bucholtz/MDEQ	X						X
Polly Synk/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							X
Sharon Hanshue/MDNR		X					X
Lisa Williams/USFWS							
Weston Contractors	X	X			X	X	X
CDM Contractors	X	X			X	X	X
Chase Fortenberry/KRSG							X
Mark Brown/KRSG							
Paul Monteny/KRSG							
Eric Schmidt/KRSG							
Suda Arakere/KRSG							
Steve Garbaciak/ARCADIS							X
Mike Donegan/ARCADIS							
Scott Harcus/ARCADIS	X				X	X	X
Eric Hritsuk/ARCADIS							
Matt Bowman/ARCADIS					X		X
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X	X	X		X	X	X
Joe Willoughby/ARCADIS	X	X	X		X	X	
Ben Lawrence/ARCADIS		X			X	X	X
Dave Patterson/ARCADIS							
ARCADIS H&S Audit Team							
Nick Harmer/ARCADIS	X	X	X		X	X	X
<i>Other Subcontractors (Specify)</i>							
King Co.	5						3
JF New							

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #61
Page 8 of 8**

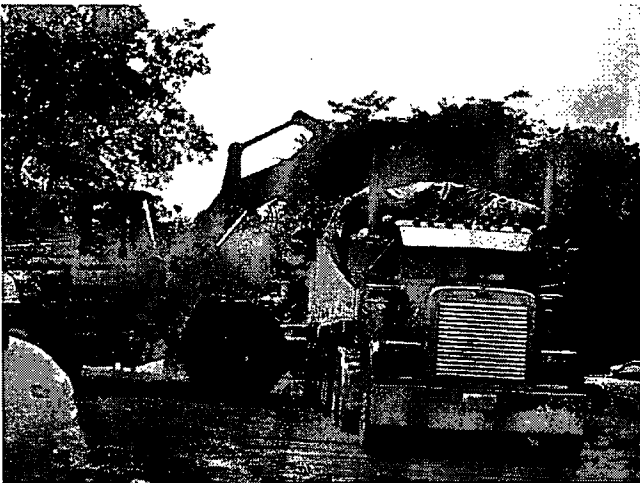
Photos from August 14-August 20, 2008



Excavating soil and sediment in Removal Area 12A.



Installing steel sheeting in Mid-Channel Area A.



Loading excavated soil/sediment for transportation to offsite landfill.



Excavating soil and sediment in Removal Area 11A.



All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.